

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018407.D
 Acq On : 19 Mar 2021 23:39
 Operator : SY/VA
 Sample : M1685-08RE
 Misc : 5.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG494RE

Quant Time: Mar 20 04:01:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

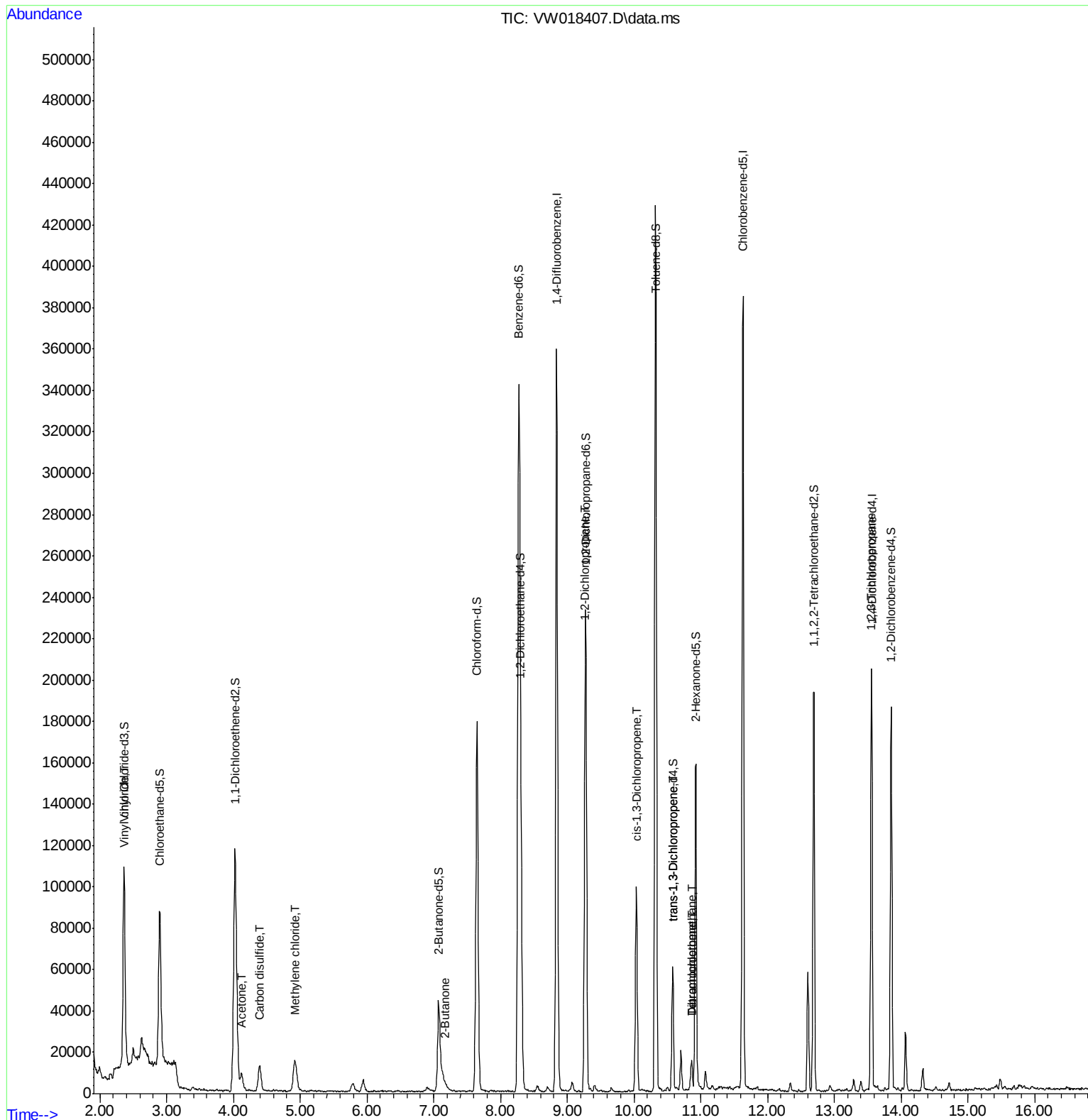
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	291050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	204554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	51118	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114497	28.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	113.08%		
7) Chloroethane-d5	2.891	69	103448	29.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	116.72%		
10) 1,1-Dichloroethene-d2	4.025	63	129846	18.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.28%		
20) 2-Butanone-d5	7.073	46	73946	82.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	164.02%#		
24) Chloroform-d	7.646	84	177277	23.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.64%		
26) 1,2-Dichloroethane-d4	8.305	65	111787	25.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.32%		
29) Benzene-d6	8.274	84	345111	31.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	126.96%		
33) 1,2-Dichloropropane-d6	9.274	67	102400	32.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	130.56%#		
37) Toluene-d8	10.323	98	282554	26.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.96%		
38) trans-1,3-Dichloroprop...	10.579	79	32432	20.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.20%		
39) 2-Hexanone-d5	10.920	63	54977	89.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	179.12%#		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	94556	33.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	134.80%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	44439	24.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.80%		
Target Compounds						
5) Vinyl chloride	2.367	62	5172	0.93	ug/L #	18
13) Acetone	4.117	43	13477	20.81	ug/L	98
14) Carbon disulfide	4.397	76	22107	2.01	ug/L	97
16) Methylene chloride	4.921	84	11768	2.47	ug/L	94
21) 2-Butanone	7.171	43	3416	3.32	ug/L	93
40) 1,2-Dichloropropane	9.268	63	12856	4.44	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2855	0.58	ug/L #	66
45) trans-1,3-Dichloropropene	10.579	75	1776	0.40	ug/L #	78
47) Tetrachloroethene	10.865	164	2652	1.07	ug/L #	83
50) Dibromochloromethane	10.865	129	2997	1.10	ug/L #	8
59) 1,2,3-Trichloropropane	13.554	75	7338	3.48	ug/L	89

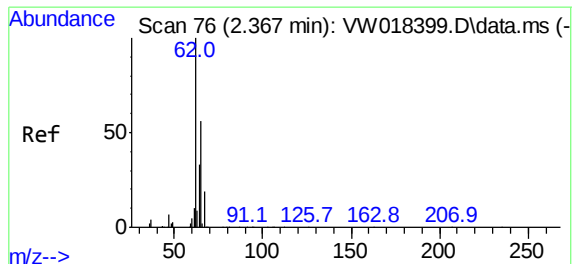
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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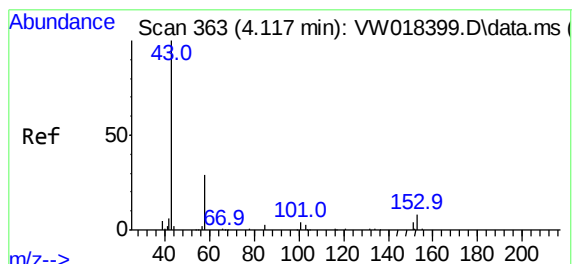
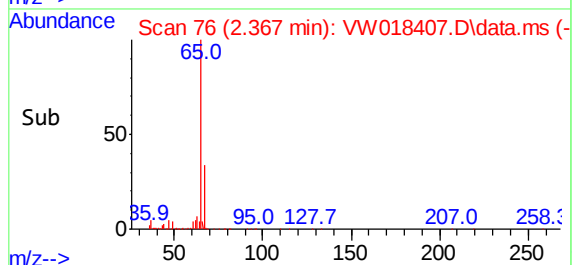
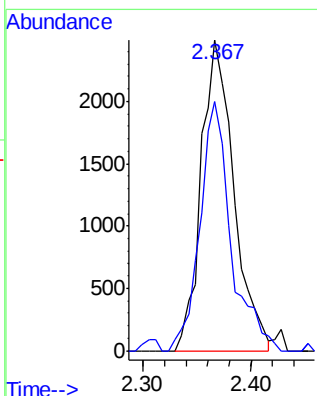
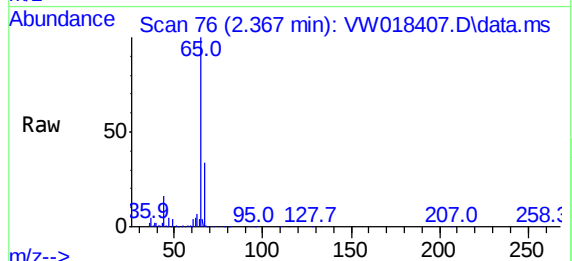




#5
 Vinyl chloride
 Concen: 0.93 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018407.D
 Acq: 19 Mar 2021 23:39

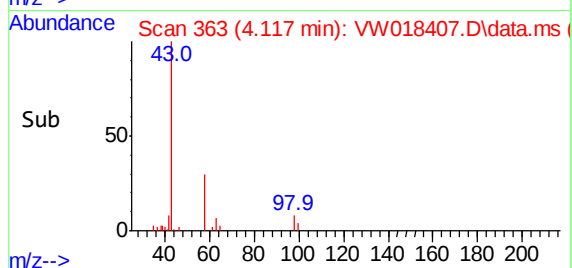
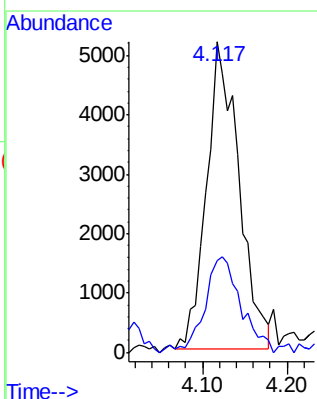
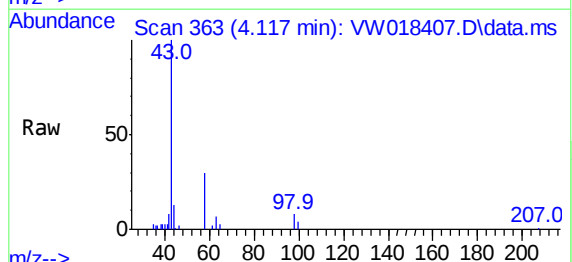
Instrument :
 MSVOA_W
 ClientSampleId :
 BG494RE

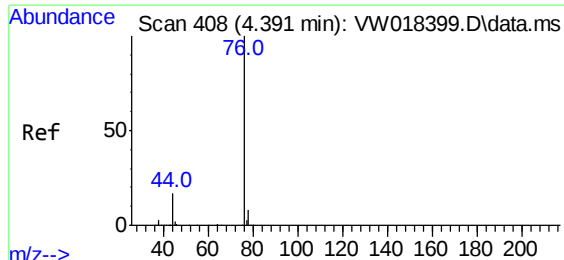
Tgt Ion: 62 Resp: 5172
 Ion Ratio Lower Upper
 62 100
 64 80.4 23.5 43.7#



#13
 Acetone
 Concen: 20.81 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.000 min
 Lab File: VW018407.D
 Acq: 19 Mar 2021 23:39

Tgt Ion: 43 Resp: 13477
 Ion Ratio Lower Upper
 43 100
 58 32.3 0.0 62.2





#14

Carbon disulfide

Concen: 2.01 ug/L

RT: 4.397 min Scan# 409

Delta R.T. 0.006 min

Lab File: VW018407.D

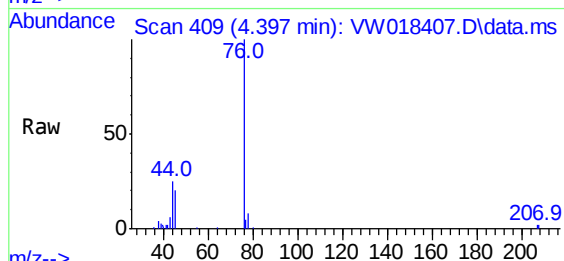
Acq: 19 Mar 2021 23:39

Tgt Ion: 76 Resp: 22107

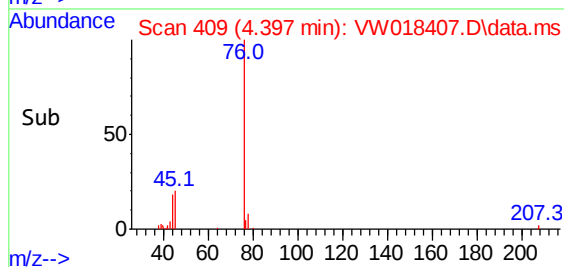
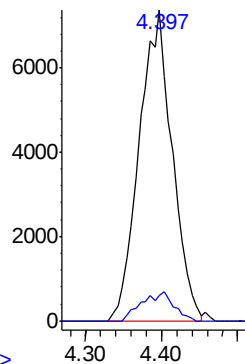
Ion Ratio Lower Upper

76 100

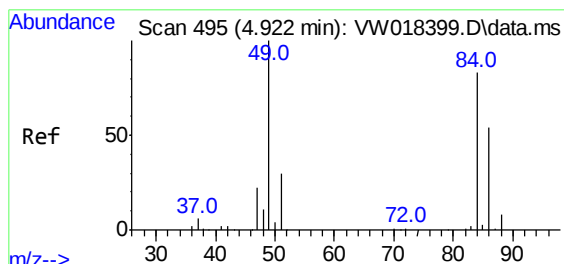
78 8.3 7.4 11.2



Abundance



Time-->



#16

Methylene chloride

Concen: 2.47 ug/L

RT: 4.921 min Scan# 495

Delta R.T. -0.000 min

Lab File: VW018407.D

Acq: 19 Mar 2021 23:39

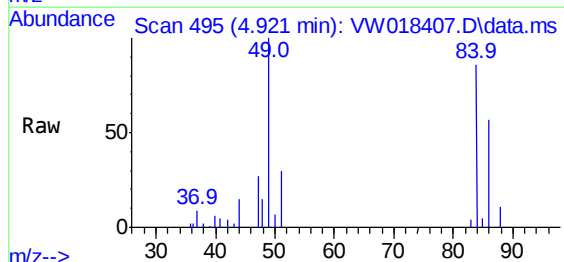
Tgt Ion: 84 Resp: 11768

Ion Ratio Lower Upper

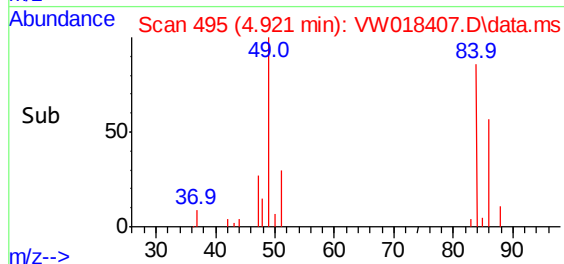
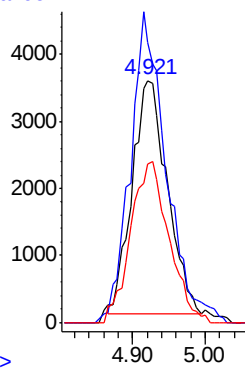
84 100

49 115.7 74.4 138.2

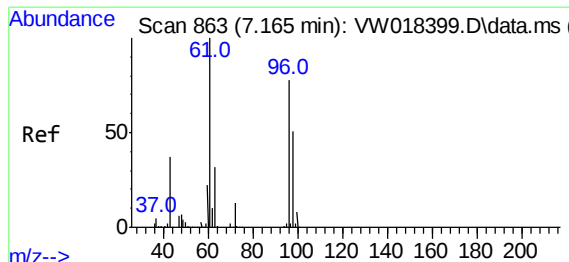
86 65.4 46.1 85.7



Abundance



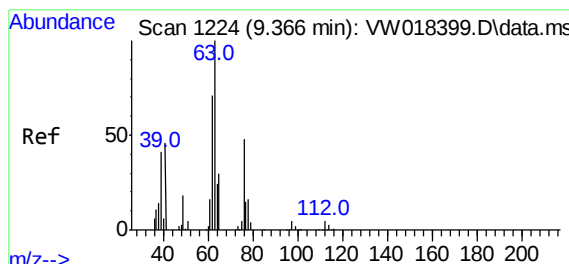
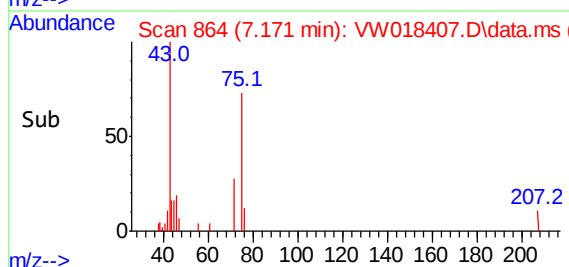
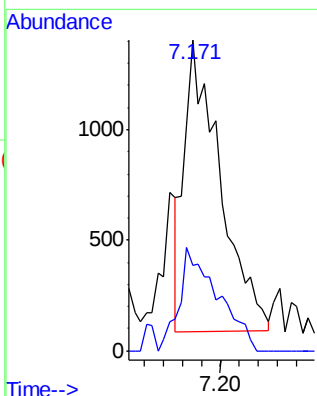
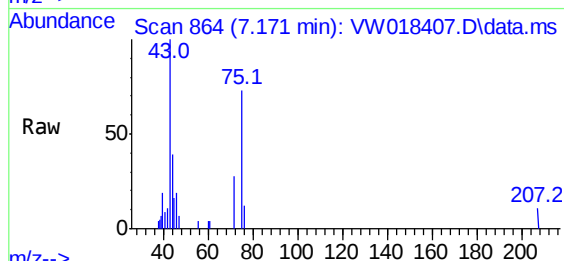
Time-->



#21
2-Butanone
Concen: 3.32 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

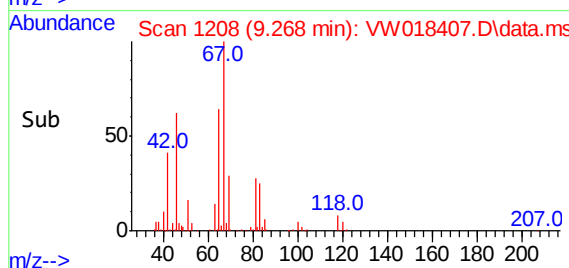
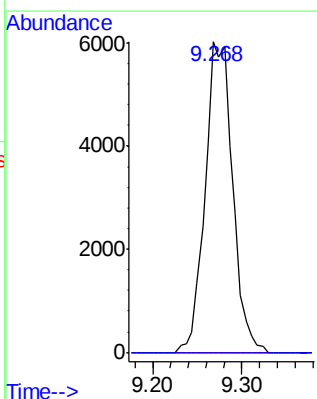
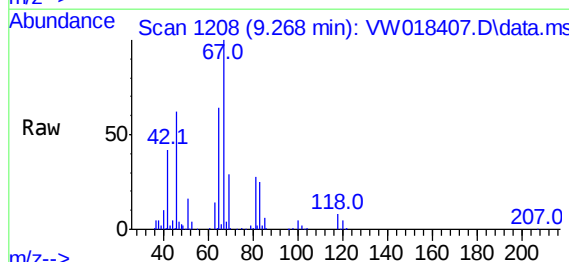
Instrument :
MSVOA_W
ClientSampled :
BG494RE

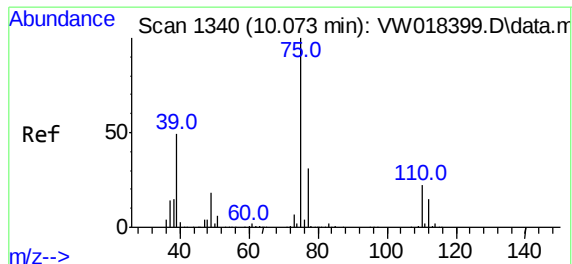
Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
72 28.9 16.5 49.5



#40
1,2-Dichloropropane
Concen: 4.44 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

Tgt Ion: 63 Resp: 12856
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

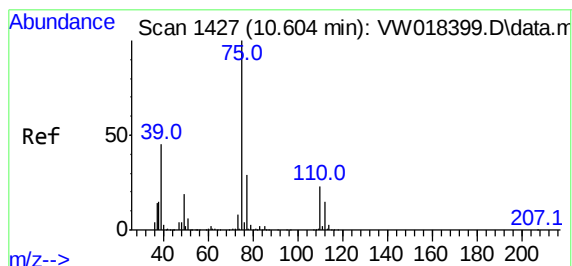
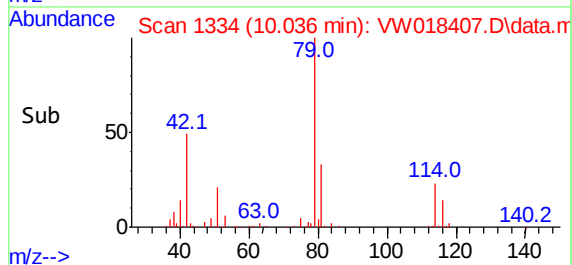
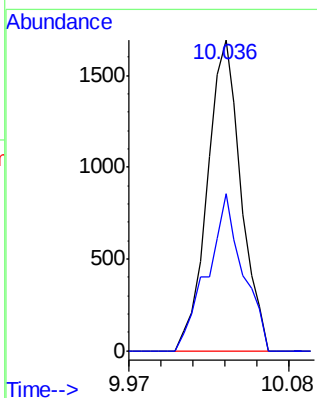
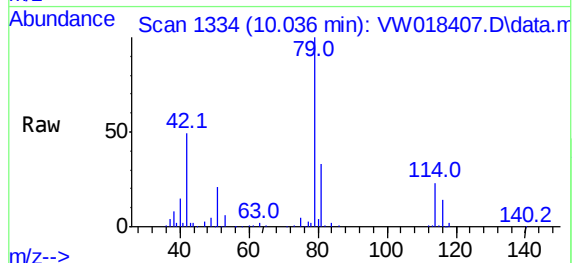




#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

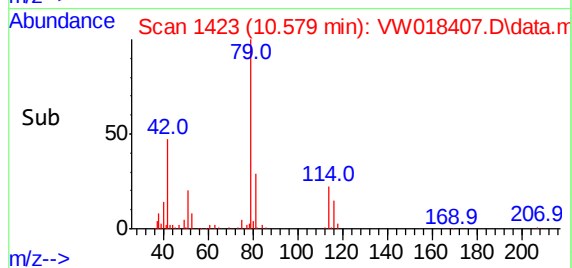
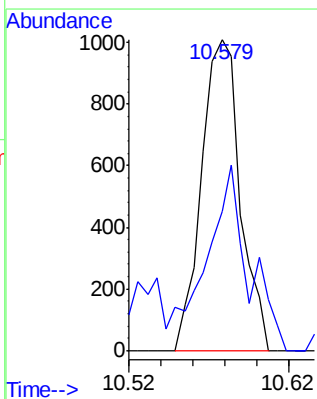
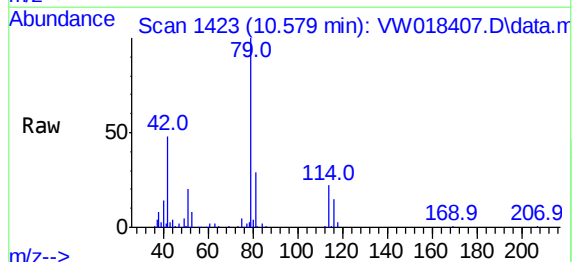
Instrument :
MSVOA_W
ClientSampled :
BG494RE

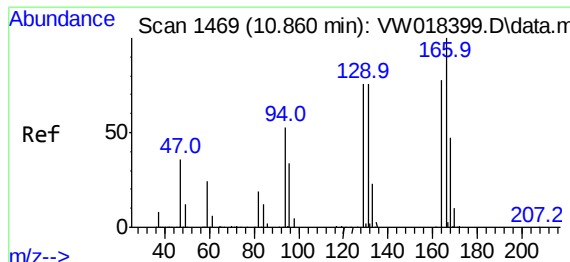
Tgt Ion: 75 Resp: 2855
Ion Ratio Lower Upper
75 100
77 50.7 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018407.D
Acq: 19 Mar 2021 23:39

Tgt Ion: 75 Resp: 1776
Ion Ratio Lower Upper
75 100
77 44.9 22.6 42.0#





#47

Tetrachloroethene

Concen: 1.07 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW018407.D

Acq: 19 Mar 2021 23:39

Instrument :

MSVOA_W

ClientSampleId :

BG494RE

Tgt Ion:164 Resp: 2652

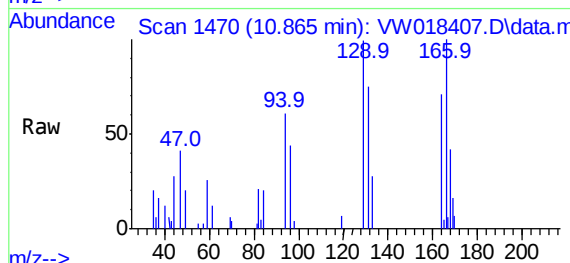
Ion Ratio Lower Upper

164 100

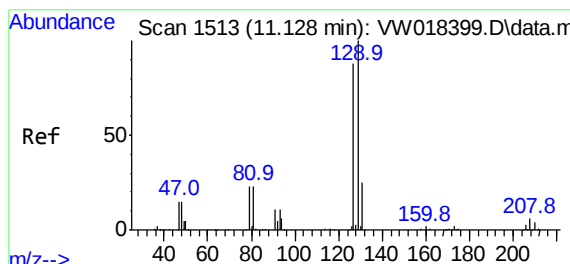
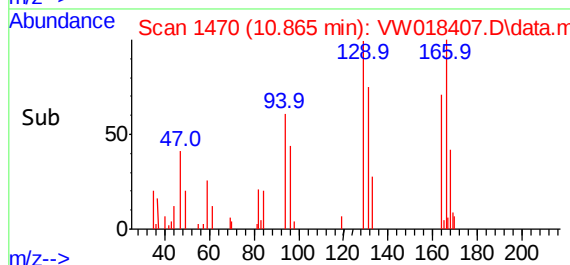
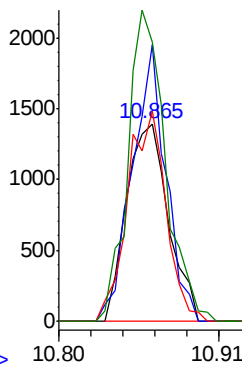
129 140.0 68.8 127.8#

131 106.2 68.3 126.8

166 141.6 95.4 177.2



Abundance



#50

Dibromochloromethane

Concen: 1.10 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. -0.263 min

Lab File: VW018407.D

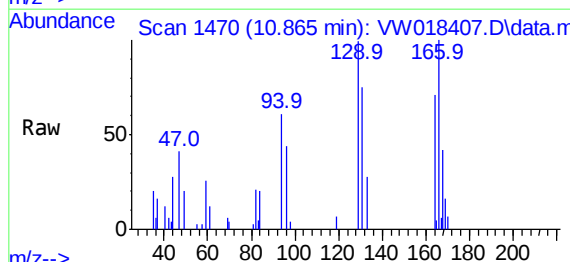
Acq: 19 Mar 2021 23:39

Tgt Ion:129 Resp: 2997

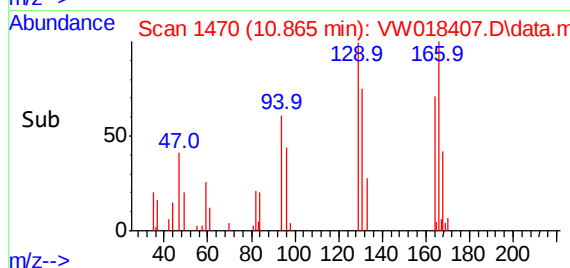
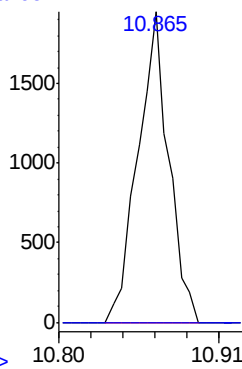
Ion Ratio Lower Upper

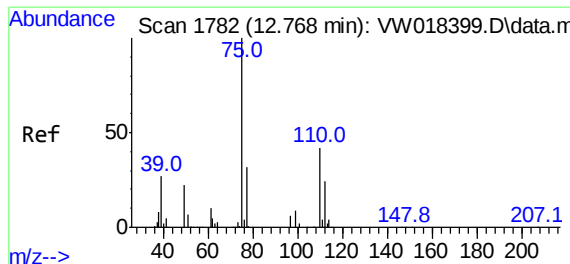
129 100

127 0.0 58.0 107.6#



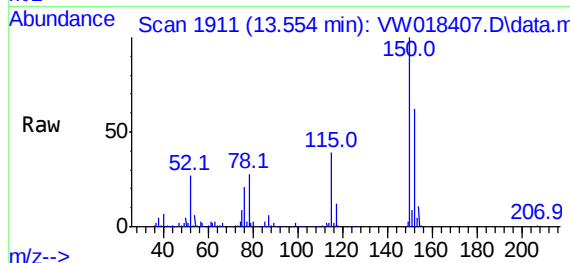
Abundance





#59
 1,2,3-Trichloropropane
 Concen: 3.48 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018407.D
 Acq: 19 Mar 2021 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 BG494RE



Tgt Ion: 75 Resp: 7338
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.6 38.4

